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#3

*Section 111*



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PTO/SB/21 (6-98)  
Approved for use through 09/30/2000. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	<b>Application Number</b>	09/915,093
	<b>Filing Date</b>	July 25, 2001
	<b>First Named Inventor</b>	Segal et al.
	<b>Group Art Unit</b>	2818
	<b>Examiner Name</b>	Unknown
<b>Total Number of Pages in This Submission</b>	<b>Attorney Docket Number</b>	112020.125

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below) <input checked="" type="checkbox"/> Postcard
<b>Remarks</b> 1.) Executed Declaration 2.) Part 2 - Notice to File Missing Parts Letter		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Hale and Dorr LLP, 60 State Street, Boston, MA 02109
Signature	<i>[Signature]</i> <b>23483</b>
Date	December 21, 2001

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date <u>12/21/01</u>	
Typed or printed name	Tina M. Dougal
Signature	<i>[Signature]</i>
Date	12/21/01

+ Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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PTO/SB/17 (10-01)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$265.00)

## Complete if Known

Application Number 09/915,093  
Filing Date July 25, 2001  
First Named Inventor Segal et al.  
Examiner Name Unknown  
Group Art Unit 1775  
Attorney Docket No. 112020.125

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 08-0219  
Deposit Account Name Hale and Dorr LLP

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

- ☒ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Code	Large Entity Fee (\$)	Small Entity Code	Small Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$0.00)

### 2. EXTRA CLAIM FEES

Total Claims -20\*\* =  X  =   
Independent Claims -3\*\* =  X  =   
Multiple Dependent  =

Large Entity Code	Large Entity Fee (\$)	Small Entity Code	Small Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$0.00)

\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Code	Large Entity Fee (\$)	Small Entity Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	65.00
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	200.00
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$265.00)

## SUBMITTED BY

Name (Print/Type) Peter M. Dichiaro

Registration No. 38,005  
(Attorney/Agent)

Signature

*Peter M. Dichiaro*

## Complete (if applicable)

Telephone 617-526-6771

Date 12/21/2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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PATENT - Attorney Docket No. 112.020.125

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Brent M. Segal et al.

Serial No.: 09/915,093

Examiner: Not Assigned

Filed: July 25, 2001

Group Art Unit: 1775

For: ELECTROMECHANICAL MEMORY ARRAY USING NANOTUBE  
RIBBONS AND METHOD FOR MAKING SAME

Box Missing Parts  
Commissioner for Patents  
Washington, D.C. 20231

CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8(a)

I hereby certify that this correspondence and any enclosures referenced herein are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Box Missing Parts, Commissioner for Patents, Washington D.C. 20231.

December 21, 2001

Date

*Tina M. Dougal*  
Tina M. Dougal

RESPONSE TO NOTICE TO FILE MISSING PARTS OF NON-PROVISIONAL  
APPLICATION

Filed Under 37CFR 1.53(b)  
(FILING DATE GRANTED)

Sir:

In response to the Notice to File Missing Parts of Nonprovisional Application (Filing Date Granted) mailed September 6, 2001, enclosed for filing in the above-identified patent application are the following documents:

1. Executed Declaration and Power of Attorney;
2. Sixteen (16) sheets of Formal Drawings;
3. Part 2 - Return Copy of Notice of Missing Parts of Nonprovisional Application;
4. Petition for Two Month Extension of Time Under 37 CFR 1.136(a); and,
5. Fee Transmittal.

The Commissioner is hereby authorized to charge the total sum of **\$265** to Deposit Account No. 08-0219 (**\$65.00**, the appropriate surcharge for late filing of the Declaration, and **\$200** for a two month extension of time).

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Respectfully submitted,

Robert D. ...

**Hale and Dorr LLP**  
**60 State Street**  
**Boston, Massachusetts 02109**  
**(617) 526-6466 (Telephone)**  
**(617) 526-5000 (Facsimile)**

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UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/915,093	07/25/2001	Brent M. Segal	112020.122

CONFIRMATION NO. 5567

FORMALITIES LETTER



Peter M. Diciara  
Hale and Dorr LLP  
60 State Street  
Boston, MA 02109

Date Mailed: 09/06/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 65.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

01/29/2002 BNGUYEN1 00000094 080219 09915093

02 FC:205 65.00 CH

A copy of this notice **MUST** be returned with the reply.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

11/11/2011 11:11:11 AM

HALE AND DORR LLP  
60 STATE STREET  
BOSTON, MASSACHUSETTS 02109

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BOX MISSING PARTS

